## Reference

- Azzazi, A. A., & Sheikh, A. E. (2007). Security software engineering: do it the right way. Paper presented at the 6th WSEAS Int. Conf. on Software Engineering: Parallel and Distributed Systems, Corfu Island, Greece, 19-23.
- Biddle, R., Chiasson, S., & Van Oorschot, P. C. (2009). Graphical passwords: learning from the first generation (Report No. TR-09-09). Ottawa, Canada: School of Computer Science, Carleton University. Retrieved November 13, 2010, from http://hotsoft.carleton.ca/~sonia/content/Chiasson\_gp\_survey\_techreport.pdf
- Birget, J. C., Hong, D., & Memon, N. (2003). Robust discretization, with an application to graphical passwords, *Cryptology ePrint Archive: Report 2003/168*. Retrieved June 3, 2008, from http://eprint.iacr.org/2003/168
- Birget, J. C., Hong, D., & Memon, N. (2006). Graphical passwords based on robust discretization, *IEEE Transactions on Information Forensics and Security*, 1(3), 395-399.
- Bishop, M. (1990). Password checking techniques (Report No. PCS-TR90-152), Hanover, NH: Department of Mathematics and Computer Science, Dartmouth College. Retrieved April 13, 2010, from http://cs.dratmouth.edu/reports/TR90-152.pdf
- Bishop, M. (1991a). Comparing authentication systems, Paper presented at *the Third Workshop on Computer Incident Handling*, Herndon, VA, G-II-1:10.

- Bishop, M. (1991b). Password management, *COMPCON Spring '91*, Digest of Papers,
  San Francisco, CA, 167-169. Retrieved June 16, 2008, from http://seclab.cs.ucdavis.edu/Papers.html
- Blonder, G. E. (1996). U.S Patent No. 5559961. Washington, DC: US Patent and Trademark Office.
- Brostoff, S., & Sasse, M. A. (2000). Are passfaces more usable than passwords: a field trial investigation. Paper presented at Human-Computer Interaction, Springer, Sunderland, UK, 405-424.
- Carlton, S. F., Taylor, J. W., & Wyszynski, J. L. (1988). Alternate authentication mechanisms. Paper presented at the Eleventh National Computer Security Conference, National Bureau of Standards/ National Computer Security Center, 333-338.
- Chakrabarti, S., Landon, G. V., & Singhal, M. (2007). Graphical passwords: drawing a secret with rotation as a new degree of freedom. Paper presented at the Fourth IASTED Asian Conference on Communication Systems and Networks, Phuket, Thailand, 561-173.
- Chalkias, K., Alexiadis, A. and Stephanides, G. (2006). *A multi-grid graphical password scheme*. Paper presented at the Sixth International Conference on Artificial Intelligence and Digital Communications, Thessaloniki, Greece, 80-90.

- Chiasson, S., Forget, A., & Biddle, R. (2008a). Accessibility and graphical passwords. Paper presented at the 4th Symposium on Accessible Privacy and Security, ACM Symposium on Usable Privacy and Security, Pittsburgh, USA. Retrieved October 11, 2009, from http://cups.cs.cmu.edu/soups/2008/SOAPS/chiasson.pdf
- Chiasson, S., Forget, A, Biddle, R., & Van Oorschot P. C. (2008b). Influencing users towards better passwords: persuasive cued click-points. Paper presented at the 22nd British HCI Group Annual Conference on People and Computers: Culture, Creativity, Interaction, Liverpool, UK, 121-130.
- Chiasson, S., Van Oorschot, P. C., & Biddle, R. (2007). Graphical password authentication using cued click points. In Biskup, J. and Lopez, J. (Eds.), *Computer Security - ESORICS 2007* (pp. 359-374). Berlin: Springer-Verlag.
- Davis, D., Monrose, F., & Reiter, M. K. (2004). On user choice in graphical password schemes. Paper presented at the 13th conference on USENIX Security Symposium, San Diego, California, 1-14.
- De Angeli, A., Coventry, L., Johnson, G., & Coutts, M. (2003). Usability and user authentication: Pictorial passwords vs. pin. In: McCabe, P. T. (Ed.), *Contemporary Ergonomics* (pp. 253-258). London: Taylor & Francis.
- De Angeli, A., Coventry, L., Johnson, G., & Renaud, K. (2005). Is a picture really worth a thousand words? Exploring the feasibility of graphical authentication systems, *International Journal of Human-Computer Studies*, *63*(1-2), 128-152.

- Dhamija, R., & Perrig, A. (2000). Déjà Vu: A user study using images for authentication. Paper presented at the 9th USENIX Security Symposium, Denver, Colorado, USA, 45-58.
- Dirik, A. E., Memon, N., & Birget, J. C. (2007). Modeling user choice in the PassPoints graphical password scheme. Paper presented at the 3rd Symposium on Usable Privacy and Security, Pittsburgh, USA, 20-28.
- Dunphy, P., & Yan, J. (2007). Do background images improve "draw a secret" graphical passwords?. Paper presented at the 14th ACM conference on Computer and communications security, Session: Authentication and passwords, Alexandria, Virginia, USA, 36-47.
- Feldmeier, D., & Karn, P. (1989). Unix password security-ten years later. In: Brassard,G. (Ed.), Paper presented at *the 19th International Conference on Advances in Cryptology* (pp. 44-63). Berlin: Springer-Verlag.
- Forget, A., Chiasson, S., & Biddle, R. (2007). *Helping users protect themselves from e-criminals in click-based graphical passwords*. Paper presented at the Anti-Phishing Working Groups 2nd Annual eCrime Researchers Summit, Pittsburgh, Pennsylvania, USA. Retrieved May 10, 2008, from http://hotsoft.carleton.ca/~aforget/Forget\_APWG2007.pdf
- Gao, H., Ren, Z., Chang, X., & Aickenlin, U. (2010). A new graphical password scheme resistant to shoulder-surfing. Paper presented at International Conference on CyberWorlds, University of Bradford, UK, 194-199.

- Greenfield, D. (2001). Global carrier survey: New names, same games. *Network Magazine*, *16*(1), 44-48.
- Hafiz, M.D., Abdullah, A. H., Ithnin, N., & Mammi. H. K. (2008). Towards identifying usability and security features of graphical password in knowledge based authentication technique. Paper presented at the Second Asia International Conference on Modelling & Simulation, Kuala Lumpur, Malaysia, 396-403.
- Hayashi, E., Christin, N., Dhamija, R., & Perrig, A. (2008). Use your illusion: Secure authentication usable anywhere. Paper presented at the Fourth Symposium on Usable Privacy and Security, Pittsburgh, PA, USA, 35-45.
- Hong, D., Man, S., Hawes, B., & Mathews M. (2004). A password scheme strongly resistant to spyware. Paper presented at International Conference on Security and Management, Las Vergas, NV, 94-100.
- Jansen, W., Gavrila, S., Korolev, V., Ayers, R., & Swanstrom, R. (2003). Picture password: A visual login technique for mobile devices. Retrieved January 10, 2007, from http://csrc.nist.gov/publications/nistir/nistir-7030.pdf
- Jermyn, I., Mayer, A., Monrose, F., Reiter, M. K., & Rubin, A. D. (1999). *The design and analysis of graphical passwords*. Paper presented at the 8th Conference on USENIX Security Symposium, Washington, DC, 1-1.

- Jobusch, D. L., & Oldehoeft, A. E. (1989a). A survey of password mechanisms: Weaknesses and potential improvements, Part 1, *Computers and Security*, 8(7), 587-603.
- Jobusch, D. L., & Oldehoeft, A. E. (1989b). A survey of password mechanisms: Weaknesses and potential improvements, Part 2, *Computers and Security*, 8(8), 675-689.
- Kendall, D. (2008). Sociology in our times: The essentials (7<sup>th</sup> ed.). Belmont, CA: Wadsworth.
- Klein, D. V. (1990). Foiling the cracker: A survey of, and improvements to, password security. Paper presented at the 2nd USENIX Security Workshop, San Francisco, CA, 5-14.
- Lashkari, A. H., Zakaria, O., Salleh, R., & Farmand, S. (2009). Shoulder surfing attack in graphical password authentication, *International Journal of Computer Science and Information Security*, 6(2), 145-154.
- Li, Z., Sun, Q., Yong, L., & Giusto D. D. (2005). An association-based graphical password design resistant to shoulder-surfing attack. Paper presented at IEEE International Conference on Multimedia and Expo, Amsterdam, The Netherlands, 245-248.

- Lin, D., Dunphy, P., Olivier, P., & Yan, J. (2007). Graphical passwords & qualitative spatial relations. Paper presented at the 3rd Symposium on Usable Privacy and Security, Pittsburgh, USA, 161-162.
- Man, S., Hong, D., & Mathews, M. (2003). A shoulder surfing resistant graphical password scheme. Paper presented at International conference on security and management, Las Vegas, 105-111.
- Matsumoto, T., Matsumoto, H., Yamada, K., & Hoshino, S. (2002). Impact of artificial gummy fingers on fingerprint systems. Paper presented at SPIE: Optical Security and Counterfeit Deterrence Techniques IV, Yokohama, Japan, 4677, 275-289.
- Menkus, B. (1998). Understanding the use of passwords, *Computers and Security*, 78(2), 132-136.
- Moncur, W., & Lepalâtre, G. (2007). Pictures at the ATM: Exploring the usability of multiple graphical passwords. Paper presented at the SIGCHI Conference on Human Factors in Computing Systems, San Jose, California, USA, 887-894.
- Nali, D., & Thorpe, J. (2004). Analyzing user choice in graphical passwords (Report No: TR-04-01). Ottawa, Canada: School of Computer Science, Carleton University.
  Retrieved June 13, 2008, from http://www.scs.carleton.ca/research/tech\_reports/2004/TR-04-01.pdf

- Narender, M., Babu, M. Y., & Mohan Rao, M. (2010). Towards secure design choices for implementing graphical passwords, *Global Journal of Computer Science and Technology*, 10, 24-27.
- Passfaces<sup>™</sup>, (2005). *Passfaces*<sup>™</sup>. Retrieved February 4, 2008, from http://www.passfaces.com/pfdemo/bankingdemo.htm
- Peter, M., Karen, K., & Joseph, N. (2005). Guide to Malware Incident Prevention and Handling. Retrieved January 27, 2012, from http://csrc.nist.gov/publications/nistpubs/800-83/SP800-83.pdf
- Renaud, K., & De Angeli, A. (2009). Visual passwords: Cure-all or snake-oil?, Communications of the ACM, 52(12), 135-140.
- Riordan, R. M. (1999). Designing relational database systems, Washington, DC:
  Microsoft Press. Retrieved October 27, 2009, from http://rahulwadhwa.com/data/ebooks/db/designing relational database systems.pdf
- Rundus, D. J. (1971). Analysis of rehearsal processes in free recall, Journal of Experimental Psychology, 89(1), 63-77.
- Sabzevar, P. A., & Stavrou, A. (2008). Universal multi-factor authentication using graphical passwords. Paper presented at IEEE International Conference on Signal Image Technology and Internet Based Systems, Bali, Indonesia, 625-632.

- Smith, Z. R., & Wells, C. S. (2006). Central Limit Theorem and Sample Size. Paper presented at the annual meeting of the Northeastern Educational Research Association, Kerhonkson, New York, 1-22.
- Sobrado, L., & Birget, J. C. (2002). *Graphical password, the Rutgers scholar*, An Electronic Bulletin of Undergraduate Research. Retrieved December 7, 2007, from http://rutgersscholar.rutgers.edu/volume04/sobrbirg/sobrbirg.htm
- Sun Microsystems, Inc. (2009). *JavaBeans ActiveX Bridge FAQ*. Retrieved February 25, 2009, from: http://java.sun.com/products/plugin/1.3/activex.faq.html
- Takumi, Y., Yuko, K., & Masakatsu, N. (2009). A shoulder-surfing-resistant imagebased authentication system with temporal indirect image selection. Paper presented at International Conference on Security and Management, Las Vegas, Nevada, USA, 188-194.
- Tao, H. (2006). Pass-Go, a new graphical password scheme, Unpublished master's thesis, Ottawa, Canada. Retrieved June 10, 2008, from http://www.site.uottawa.ca/~cadams/papers/HaiTaoThesis.pdf
- Tao, H., & Adams, C. (2008). Pass-Go: A proposal to improve the usability of graphical passwords, *International Journal of Network Security*, 7(2), 273-292.
- Textolution. (2009). *Clear Solution for Fuzzy Tasks*, SoftComplete Development. Retrieved April 20, 2009, from: http://www.textolution.com/fuzzysearch\_demo.asp

- visKey. (2005). *SFR IT-Engineering*, SFR GmbH. Retrieved February 2, 2008 from http://www.sfr-software.de/cms/EN/pocketpc/viskey/screenshots.html
- Wiedenbeck, S., Waters, J., Birget, J. C., Brodskiy, A., & Memon, N. (2005a). *Authentication using graphical passwords: Effects of tolerance and image choice*.
  Paper presented at the 2005 Symposium on Usable Privacy and Security, Pittsburgh, Pennsylvania, USA, 1-12.
- Wiedenbeck, S., Waters, J., Birget, J. C., Brodskiy, A., & Memon, N. (2005b). PassPoints: Design and longitudinal evaluation of a graphical password system, *International Journal of Human-Computer Studies*, 63(1-2), 102-127.
- Xiaoyuan, S., Ying, Z. & Owen, G. S. (2005). *Graphical passwords: A survey*. Paper presented at the 21st Annual Computer Security Applications Conference, Tucson, Arizona, 463-472.
- Zhao, H., & Li, X. (2007). S3PAS: A scalable shoulder-surfing resistant textualgraphical password authentication scheme. Paper presented at the 21st International Conference on Advanced Information Networking and Applications Workshops, Niagara Falls, Canada, 467-472.